

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112321\  
 Data File : BN017552.D  
 Acq On : 22 Nov 2021 19:34  
 Operator : CG/JU  
 Sample : PB140957BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB140957BSD

Quant Time: Nov 23 02:40:28 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN111921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 19 14:57:14 2021  
 Response via : Initial Calibration

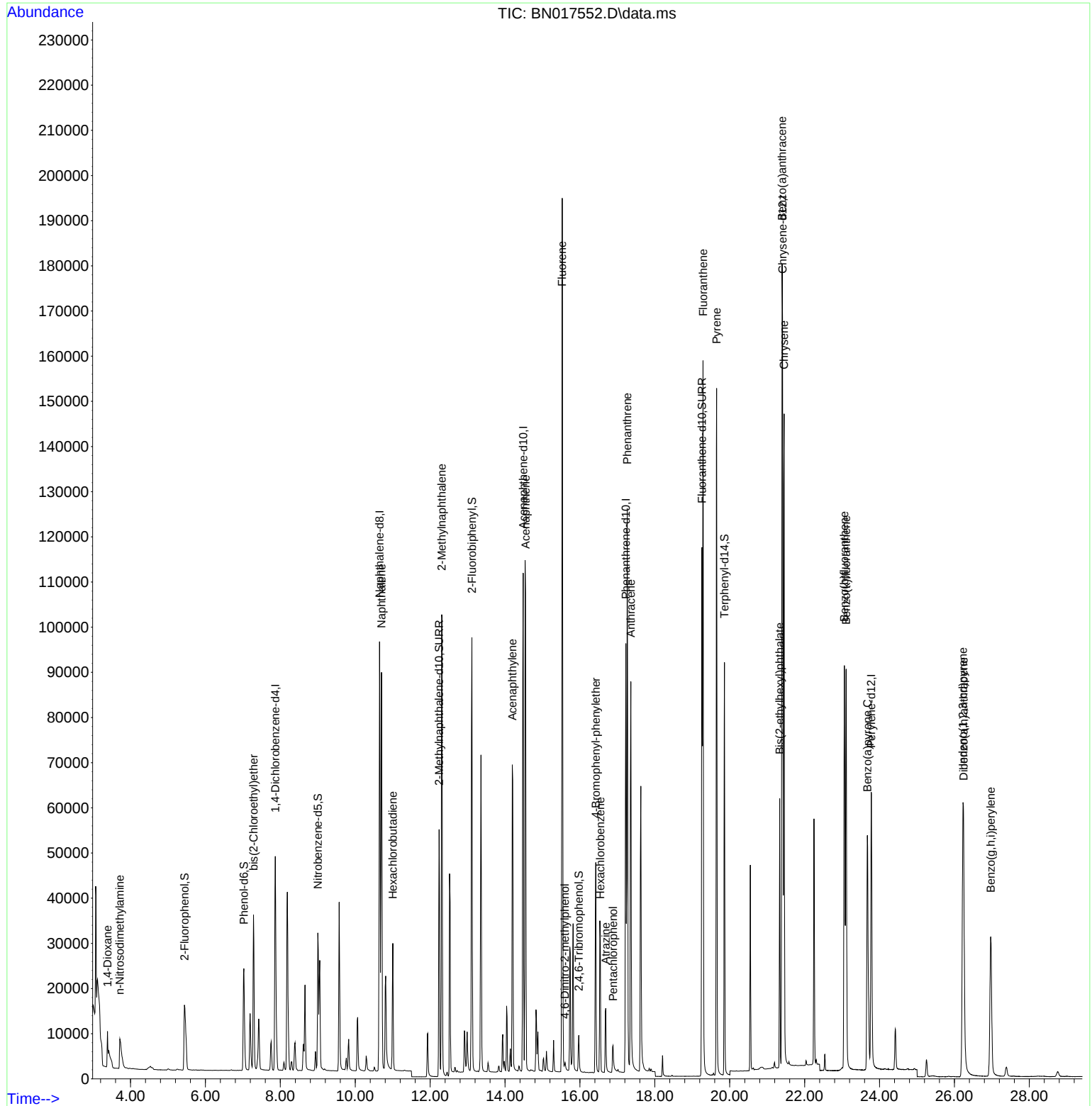
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.865  | 152  | 29035    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.649 | 136  | 130959   | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.486 | 164  | 68228    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.226 | 188  | 130591   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.409 | 240  | 116438   | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.780 | 264  | 89977    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.440  | 112  | 24350    | 0.338 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.026  | 99   | 27419    | 0.338 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.001  | 82   | 28500    | 0.330 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.240 | 152  | 76497    | 0.351 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.970 | 330  | 6331     | 0.302 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 92051    | 0.362 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.258 | 212  | 137651   | 0.343 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.859 | 244  | 92047    | 0.360 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.384  | 88   | 4722     | 0.339 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.716  | 42   | 8846     | 0.309 | ng    | 95       |
| 6) bis(2-Chloroethyl)ether    | 7.284  | 93   | 30363    | 0.366 | ng    | 95       |
| 9) Naphthalene                | 10.700 | 128  | 117510   | 0.354 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.004 | 225  | 23354    | 0.356 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.311 | 142  | 76653    | 0.359 | ng    | 98       |
| 16) Acenaphthylene            | 14.194 | 152  | 89102    | 0.327 | ng    | 100      |
| 17) Acenaphthene              | 14.549 | 154  | 66165    | 0.352 | ng    | 99       |
| 18) Fluorene                  | 15.526 | 166  | 79376    | 0.350 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.602 | 198  | 1473     | 0.364 | ng    | 98       |
| 21) 4-Bromophenyl-phenylether | 16.423 | 248  | 24106    | 0.336 | ng    | # 74     |
| 22) Hexachlorobenzene         | 16.544 | 284  | 27242    | 0.351 | ng    | 95       |
| 23) Atrazine                  | 16.690 | 200  | 15287    | 0.322 | ng    | 97       |
| 24) Pentachlorophenol         | 16.885 | 266  | 4705     | 0.335 | ng    | 99       |
| 25) Phenanthrene              | 17.262 | 178  | 129155   | 0.353 | ng    | 100      |
| 26) Anthracene                | 17.360 | 178  | 103992   | 0.333 | ng    | 100      |
| 28) Fluoranthene              | 19.288 | 202  | 145029   | 0.359 | ng    | 99       |
| 30) Pyrene                    | 19.650 | 202  | 144353   | 0.366 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.399 | 228  | 123390   | 0.340 | ng    | 99       |
| 33) Chrysene                  | 21.452 | 228  | 137355   | 0.355 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.335 | 149  | 49348    | 0.353 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.228 | 276  | 81342    | 0.296 | ng    | # 94     |
| 37) Benzo(b)fluoranthene      | 23.061 | 252  | 120335   | 0.368 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.109 | 252  | 115086   | 0.362 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.674 | 252  | 91557    | 0.339 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.245 | 278  | 63959    | 0.284 | ng    | # 92     |
| 41) Benzo(g,h,i)perylene      | 26.970 | 276  | 70260    | 0.299 | ng    | 96       |

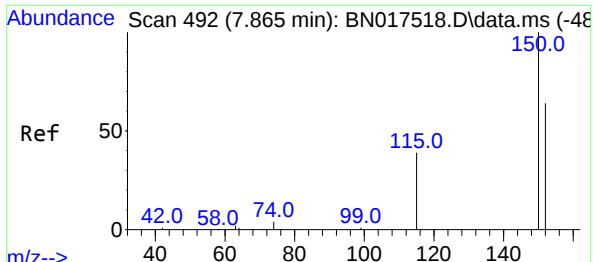
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112321\  
Data File : BN017552.D  
Acq On : 22 Nov 2021 19:34  
Operator : CG/JU  
Sample : PB140957BSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

Quant Time: Nov 23 02:40:28 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN111921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 19 14:57:14 2021  
Response via : Initial Calibration

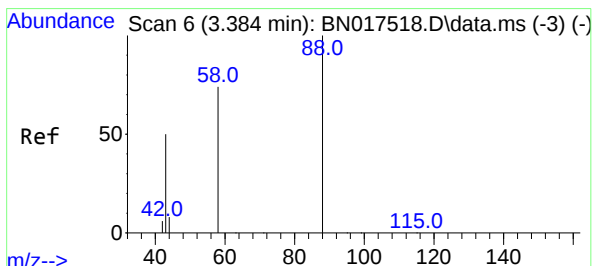
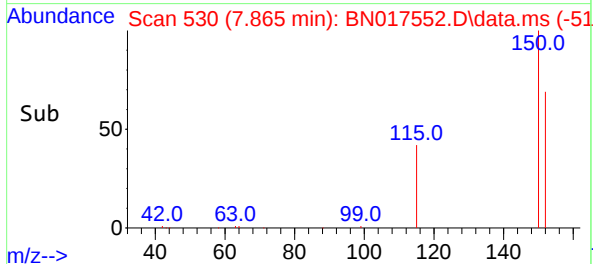
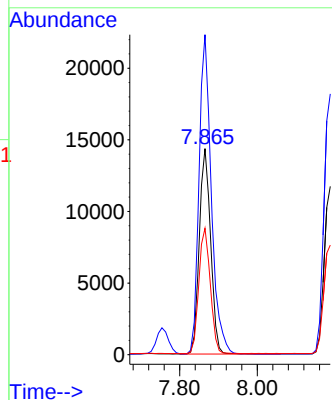
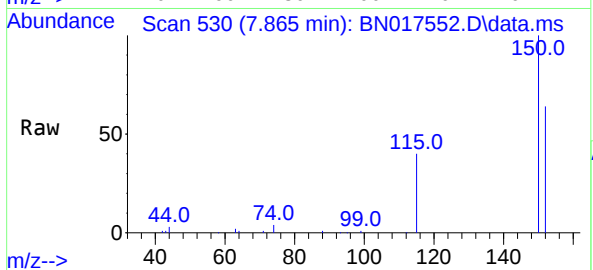




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.865 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

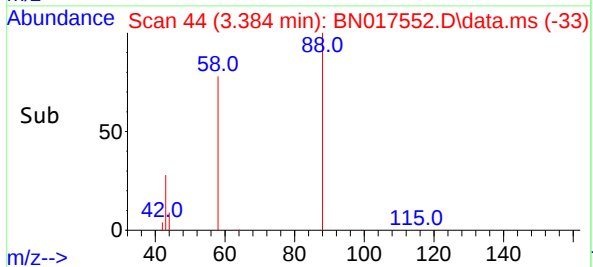
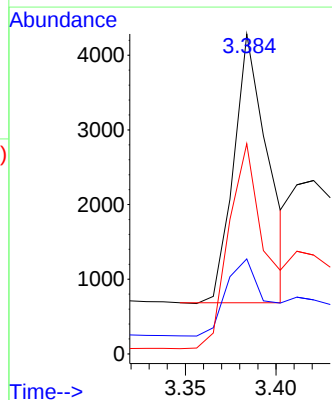
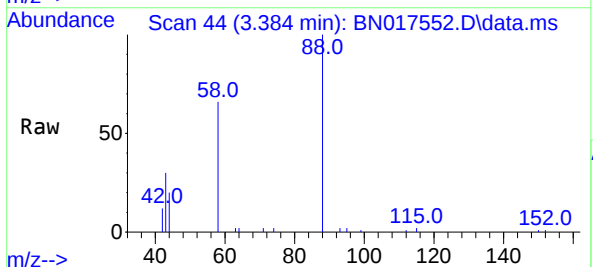
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

Tgt Ion:152 Resp: 29035  
Ion Ratio Lower Upper  
152 100  
150 155.3 123.0 184.4  
115 61.4 45.6 68.4

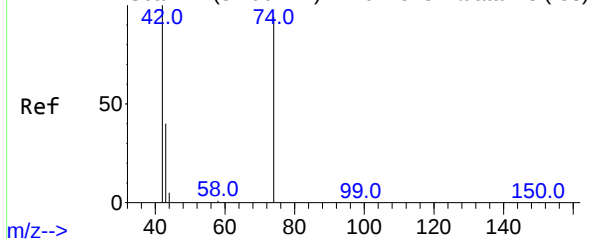


#2  
1,4-Dioxane  
Concen: 0.339 ng  
RT: 3.384 min Scan# 44  
Delta R.T. -0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

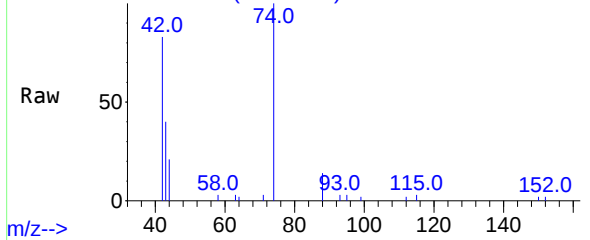
Tgt Ion: 88 Resp: 4722  
Ion Ratio Lower Upper  
88 100  
43 33.3 24.7 37.1  
58 82.5 63.0 94.6



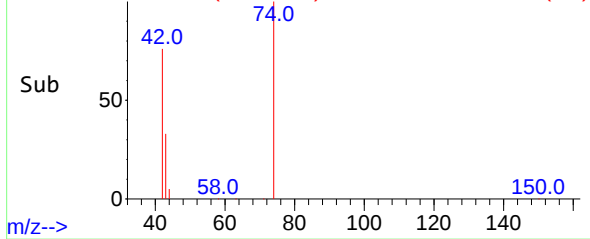
Abundance Scan 41 (3.706 min): BN017518.D\data.ms (-38)



Abundance Scan 80 (3.716 min): BN017552.D\data.ms



Abundance Scan 80 (3.716 min): BN017552.D\data.ms (-68)



#3

n-Nitrosodimethylamine

Concen: 0.309 ng

RT: 3.716 min Scan# 80

Delta R.T. 0.010 min

Lab File: BN017552.D

Acq: 22 Nov 2021 19:34

Instrument :

BNA\_N

ClientSampleId :

PB140957BSD

Tgt Ion: 42 Resp: 8846

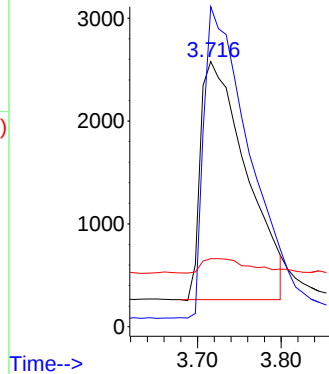
Ion Ratio Lower Upper

42 100

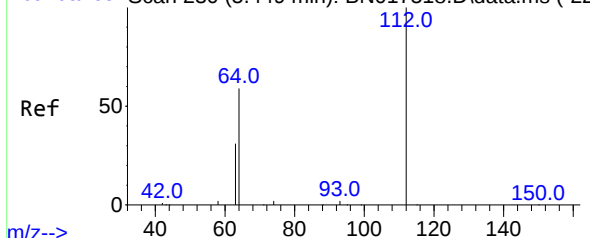
74 128.0 97.8 146.6

44 5.9 5.5 8.3

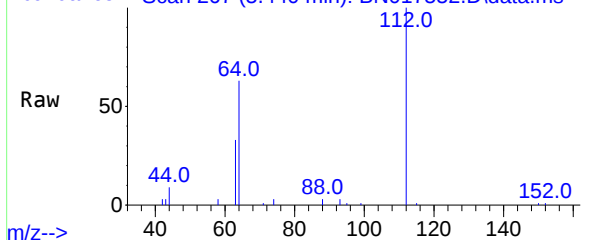
Abundance



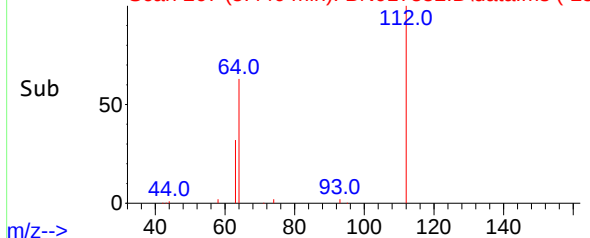
Abundance Scan 230 (5.449 min): BN017518.D\data.ms (-22)



Abundance Scan 267 (5.440 min): BN017552.D\data.ms



Abundance Scan 267 (5.440 min): BN017552.D\data.ms (-25)



#4

2-Fluorophenol

Concen: 0.338 ng

RT: 5.440 min Scan# 267

Delta R.T. -0.009 min

Lab File: BN017552.D

Acq: 22 Nov 2021 19:34

Tgt Ion: 112 Resp: 24350

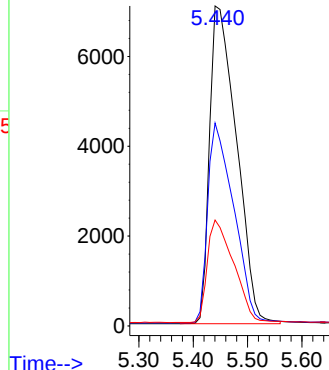
Ion Ratio Lower Upper

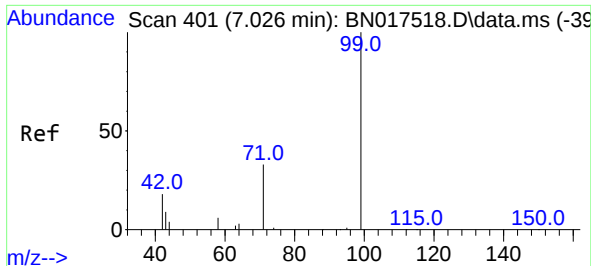
112 100

64 60.7 47.6 71.4

63 31.6 24.6 37.0

Abundance

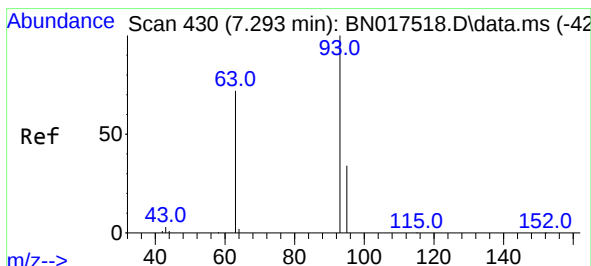
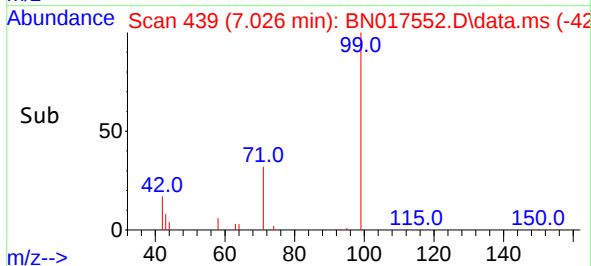
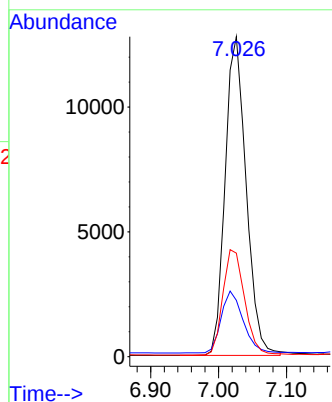
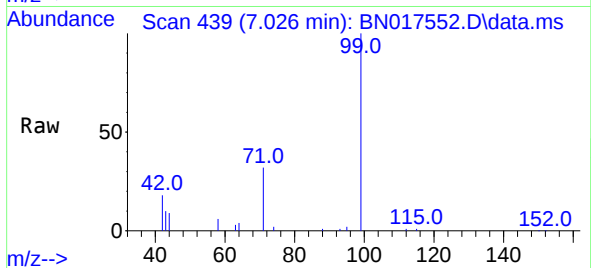




#5  
Phenol-d6  
Concen: 0.338 ng  
RT: 7.026 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

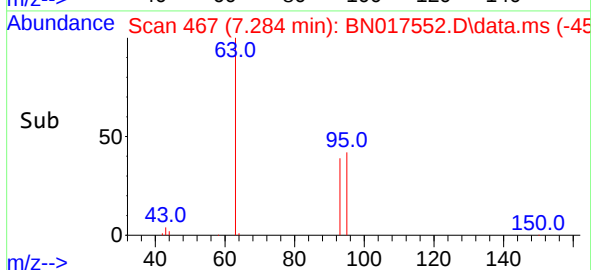
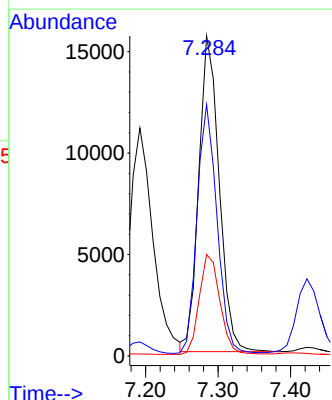
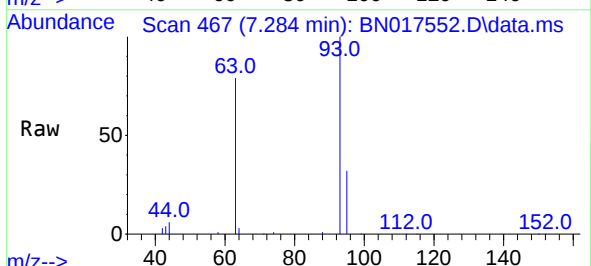
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

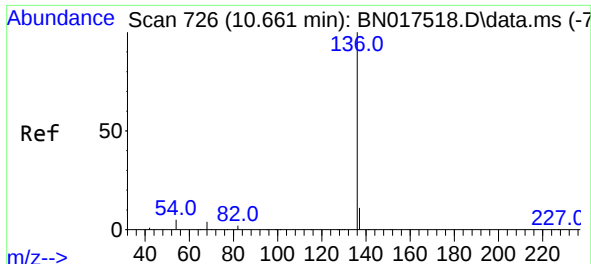
Tgt Ion: 99 Resp: 27419  
Ion Ratio Lower Upper  
99 100  
42 20.2 17.0 25.6  
71 34.2 24.8 37.2



#6  
bis(2-Chloroethyl)ether  
Concen: 0.366 ng  
RT: 7.284 min Scan# 467  
Delta R.T. -0.009 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion: 93 Resp: 30363  
Ion Ratio Lower Upper  
93 100  
63 77.2 65.8 98.6  
95 32.1 26.6 39.8

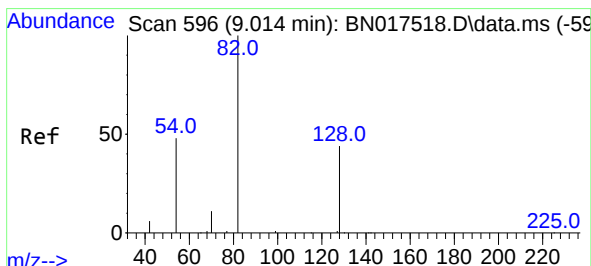
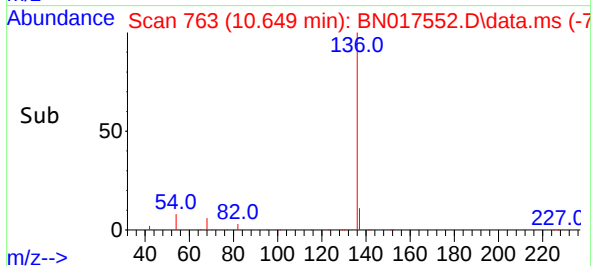
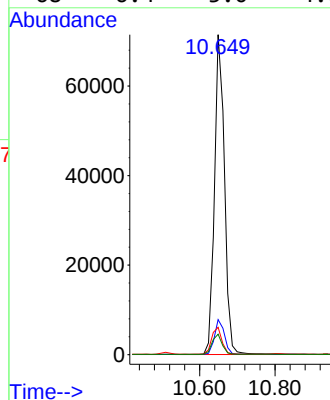
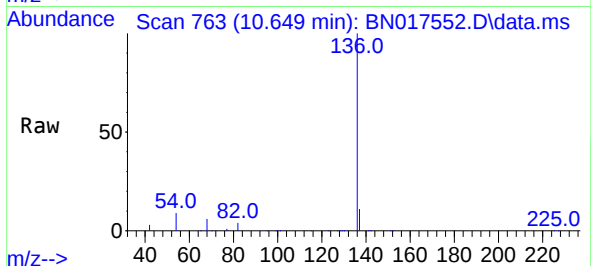




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.649 min Scan# 70  
Delta R.T. -0.012 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

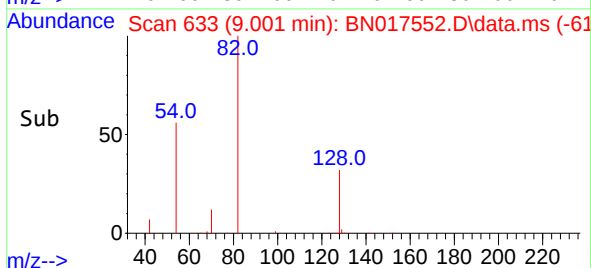
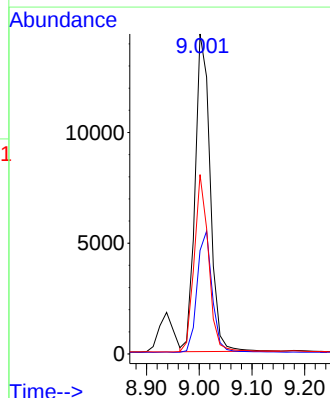
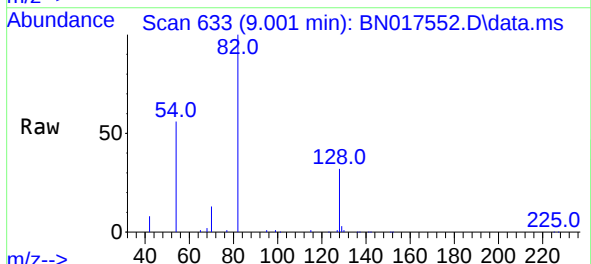
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

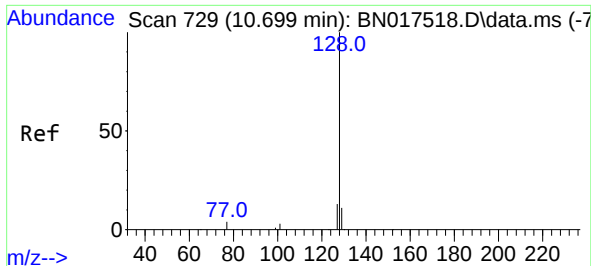
Tgt Ion:136 Resp: 130959  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 8.6 4.0 6.0#  
68 6.4 3.0 4.6#



#8  
Nitrobenzene-d5  
Concen: 0.330 ng  
RT: 9.001 min Scan# 633  
Delta R.T. -0.013 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion: 82 Resp: 28500  
Ion Ratio Lower Upper  
82 100  
128 32.4 27.7 41.5  
54 56.0 49.2 73.8

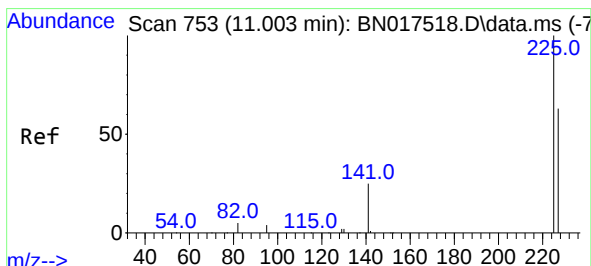
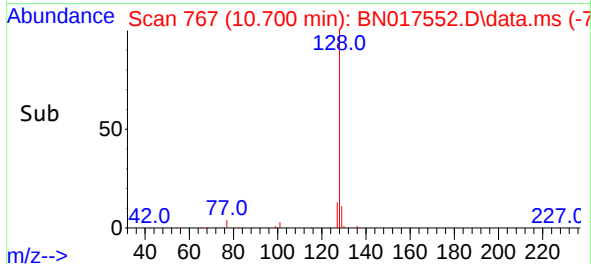
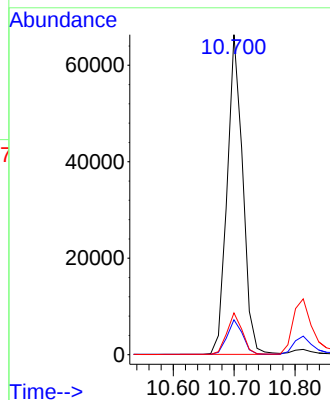
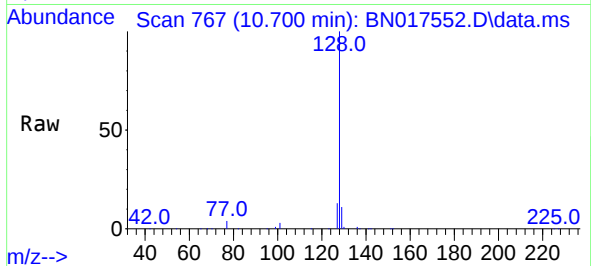




#9  
Naphthalene  
Concen: 0.354 ng  
RT: 10.700 min Scan# 701  
Delta R.T. 0.001 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

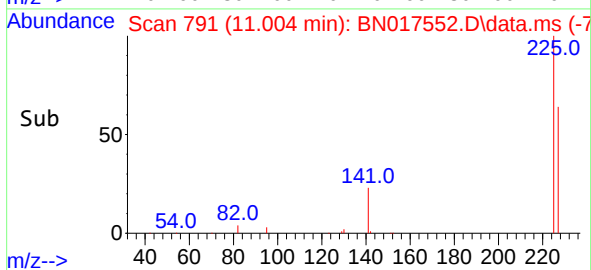
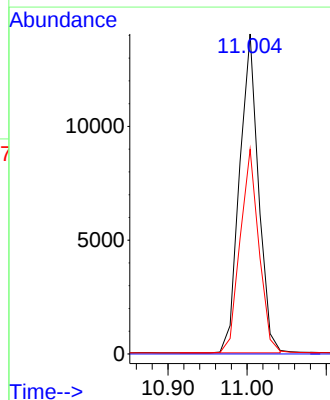
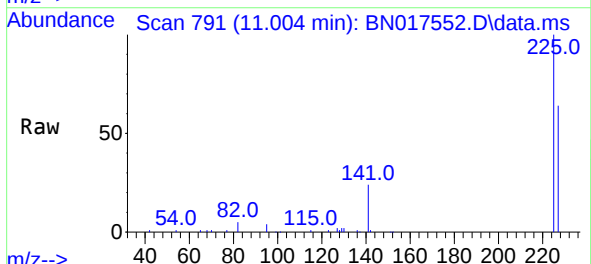
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

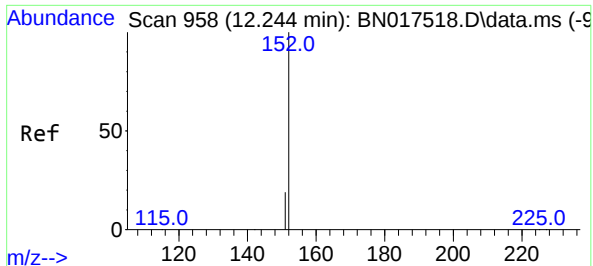
Tgt Ion:128 Resp: 117510  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.1 10.6 15.8



#10  
Hexachlorobutadiene  
Concen: 0.356 ng  
RT: 11.004 min Scan# 791  
Delta R.T. 0.001 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion:225 Resp: 23354  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.3 51.1 76.7





#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 12.240 min Scan# 91

Delta R.T. -0.004 min

Lab File: BN017552.D

Acq: 22 Nov 2021 19:34

Instrument :

BNA\_N

ClientSampleId :

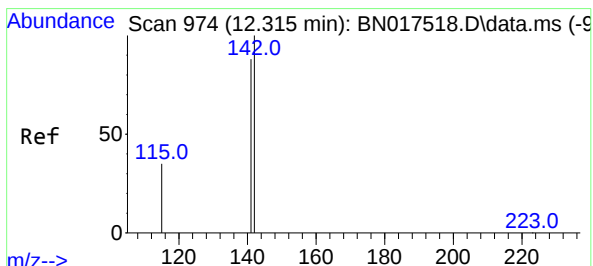
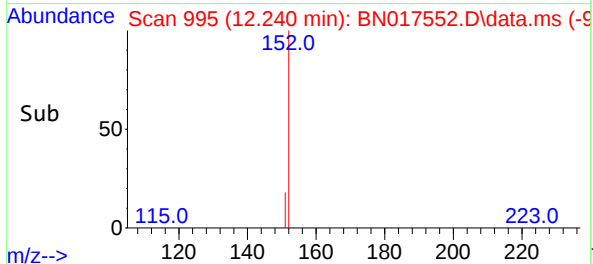
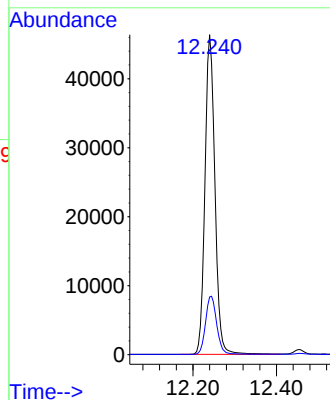
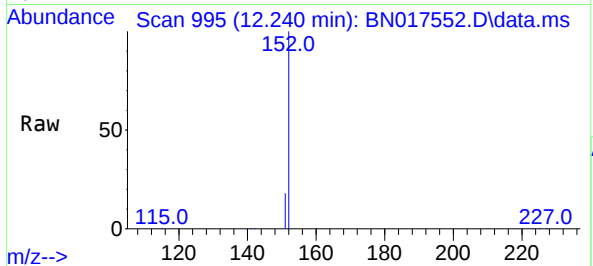
PB140957BSD

Tgt Ion:152 Resp: 76497

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.359 ng

RT: 12.311 min Scan# 1011

Delta R.T. -0.004 min

Lab File: BN017552.D

Acq: 22 Nov 2021 19:34

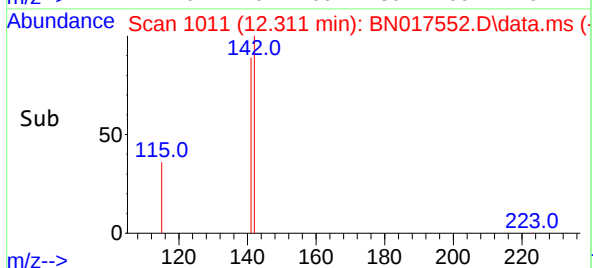
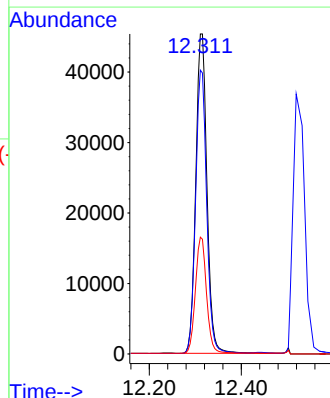
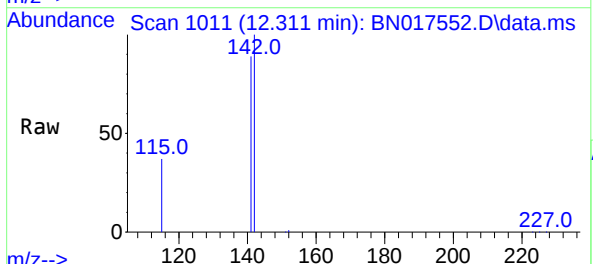
Tgt Ion:142 Resp: 76653

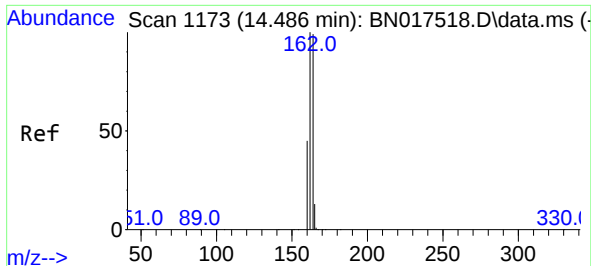
Ion Ratio Lower Upper

142 100

141 88.7 70.6 106.0

115 36.5 25.8 38.6

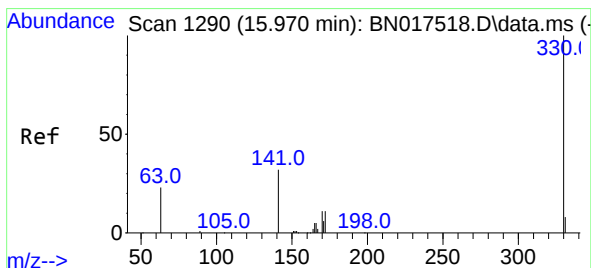
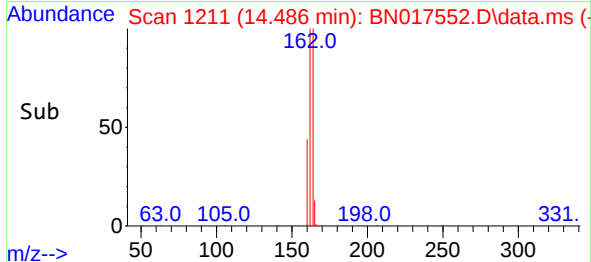
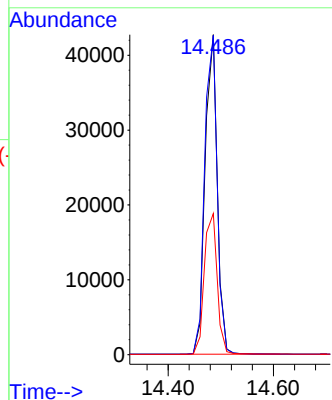
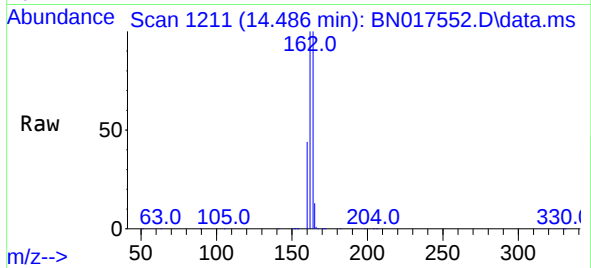




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.486 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

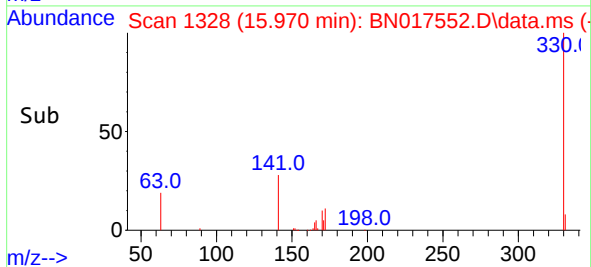
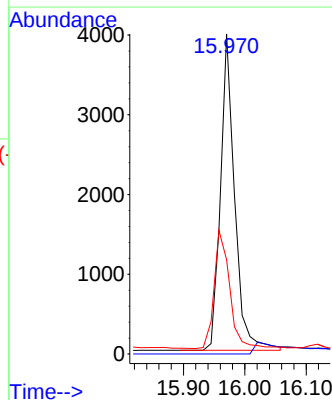
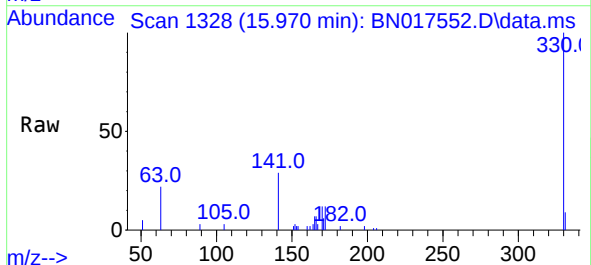
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

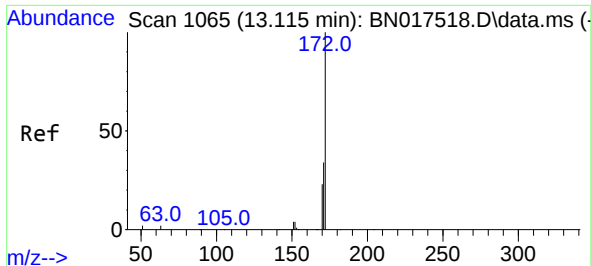
Tgt Ion:164 Resp: 68228  
Ion Ratio Lower Upper  
164 100  
162 99.8 81.4 122.2  
160 44.1 36.8 55.2



#14  
2,4,6-Tribromophenol  
Concen: 0.302 ng  
RT: 15.970 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion:330 Resp: 6331  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 41.0 28.9 43.3

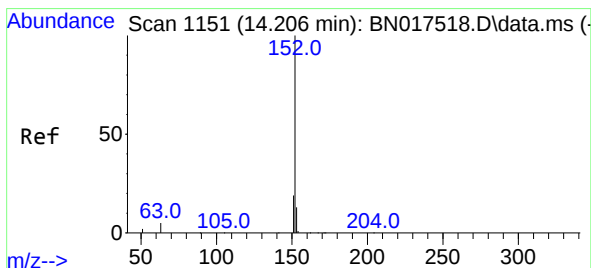
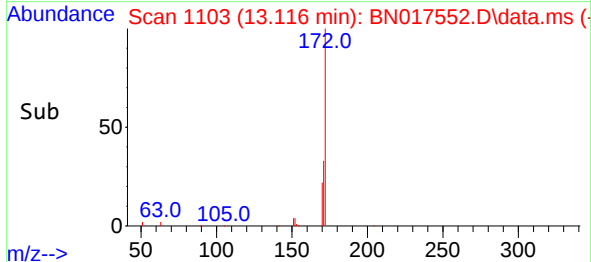
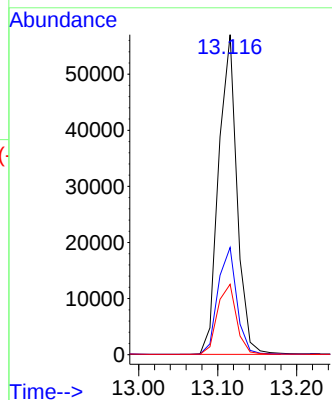
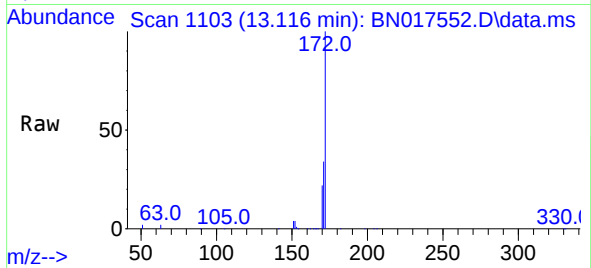




#15  
2-Fluorobiphenyl  
Concen: 0.362 ng  
RT: 13.116 min Scan# 1103  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

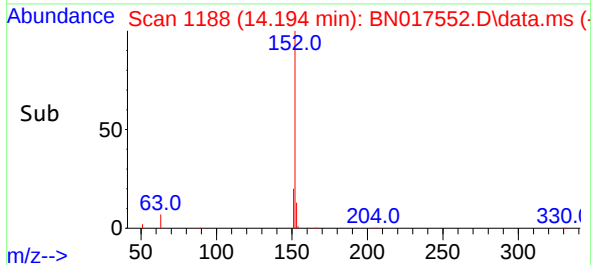
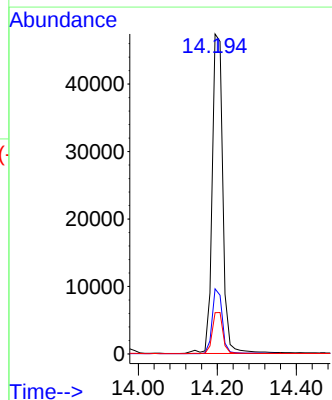
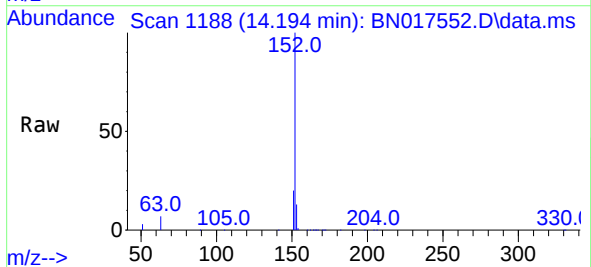
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

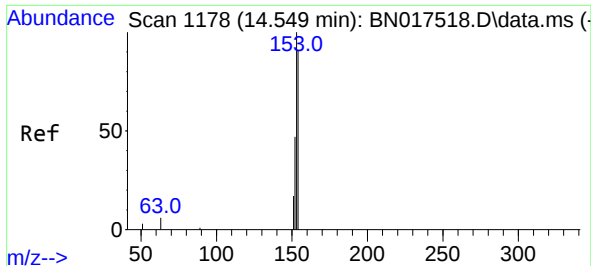
Tgt Ion:172 Resp: 92051  
Ion Ratio Lower Upper  
172 100  
171 33.5 28.7 43.1  
170 22.0 19.4 29.2



#16  
Acenaphthylene  
Concen: 0.327 ng  
RT: 14.194 min Scan# 1188  
Delta R.T. -0.012 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion:152 Resp: 89102  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.5 23.3  
153 13.0 10.4 15.6

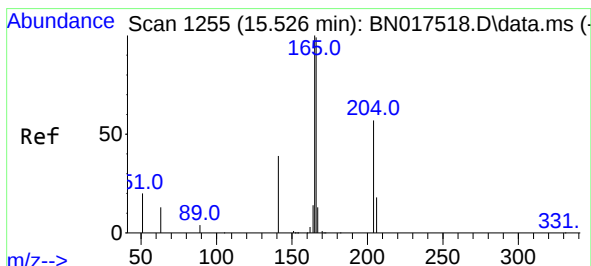
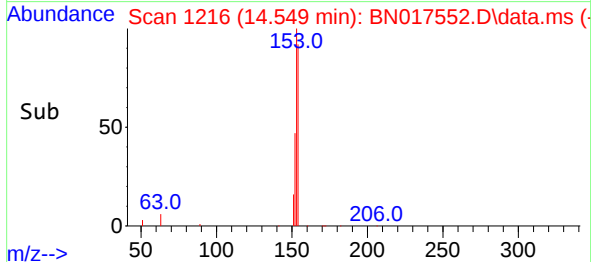
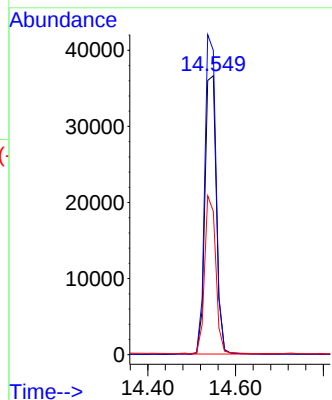
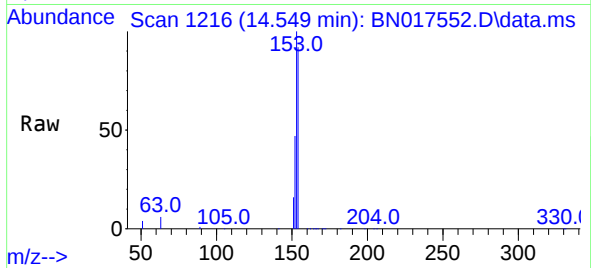




#17  
Acenaphthene  
Concen: 0.352 ng  
RT: 14.549 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

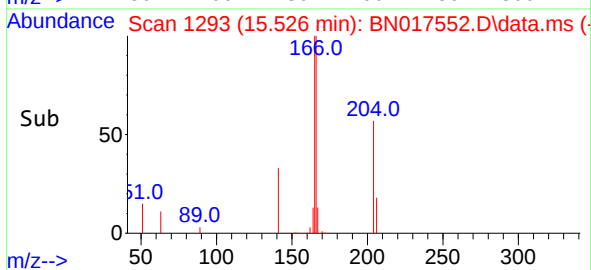
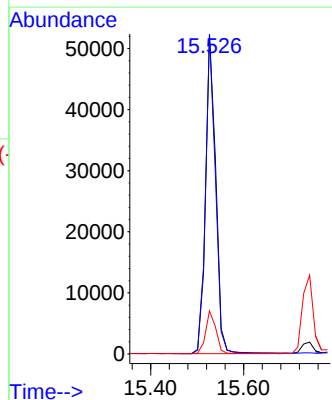
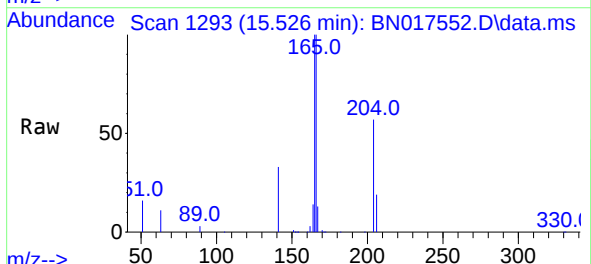
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

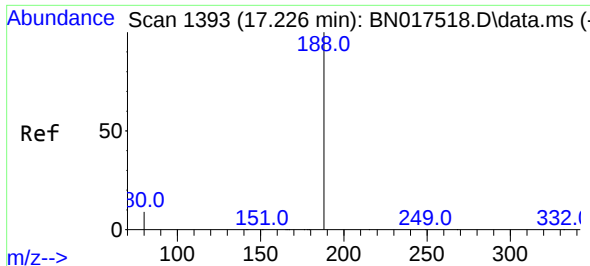
Tgt Ion:154 Resp: 66165  
Ion Ratio Lower Upper  
154 100  
153 112.7 91.2 136.8  
152 54.7 44.3 66.5



#18  
Fluorene  
Concen: 0.350 ng  
RT: 15.526 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion:166 Resp: 79376  
Ion Ratio Lower Upper  
166 100  
165 98.2 77.9 116.9  
167 13.6 10.9 16.3

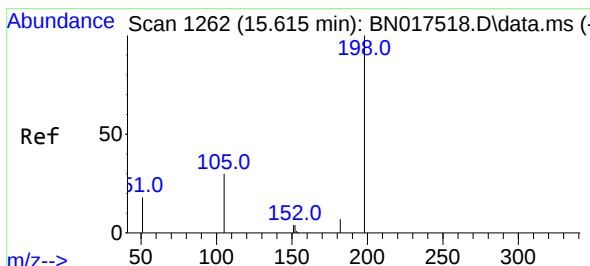
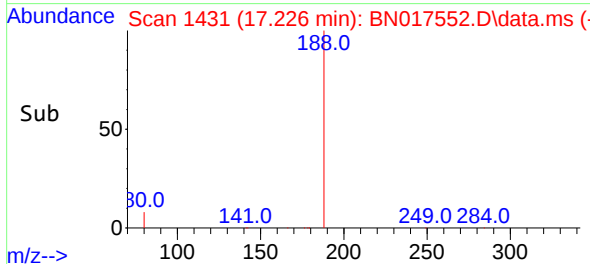
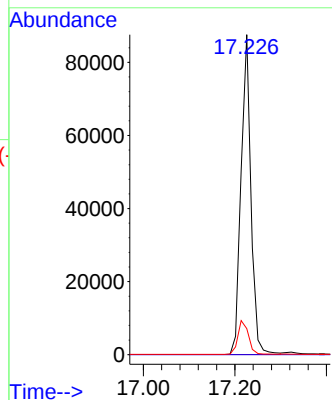
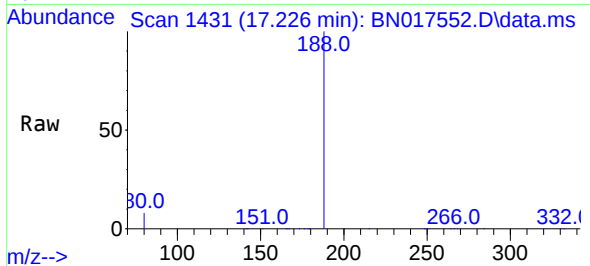




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.226 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

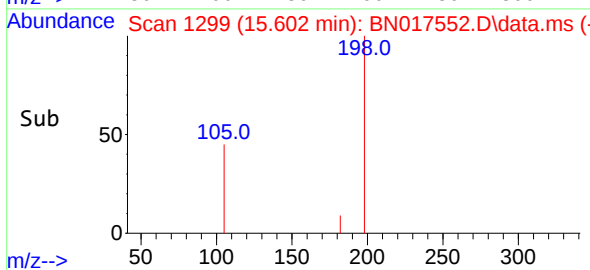
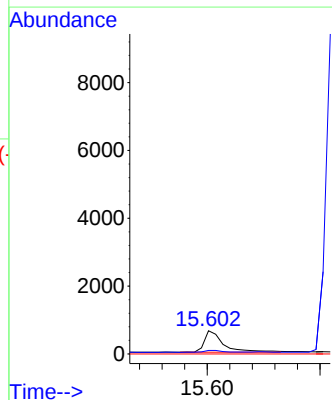
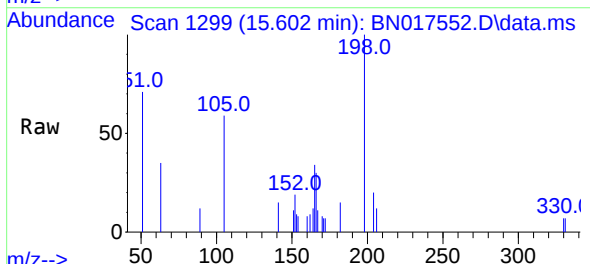
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

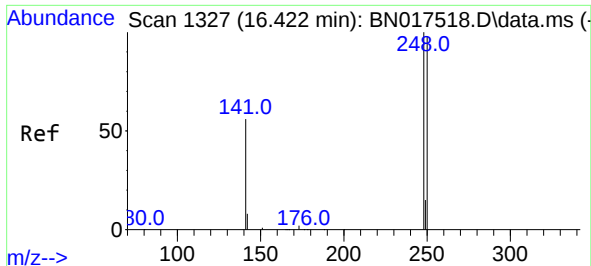
Tgt Ion:188 Resp: 130591  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.1 6.1 9.1



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.364 ng  
RT: 15.602 min Scan# 1299  
Delta R.T. -0.013 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion:198 Resp: 1473  
Ion Ratio Lower Upper  
198 100  
182 15.2 11.4 17.2  
77 0.0 0.0 0.0

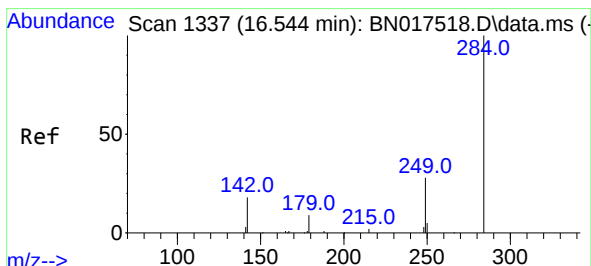
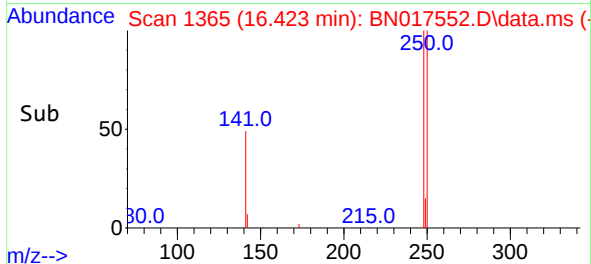
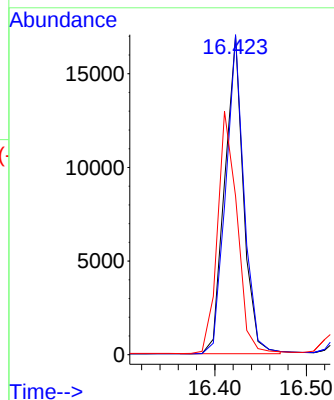
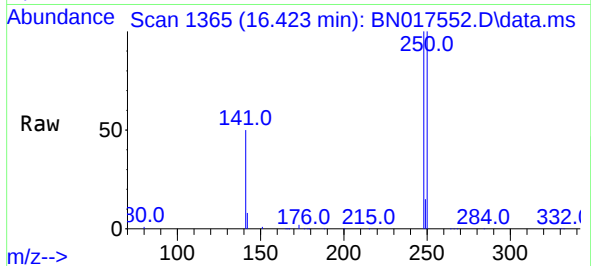




#21  
4-Bromophenyl-phenylether  
Concen: 0.336 ng  
RT: 16.423 min Scan# 1365  
Delta R.T. 0.001 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

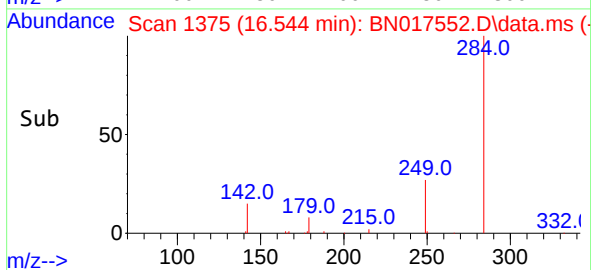
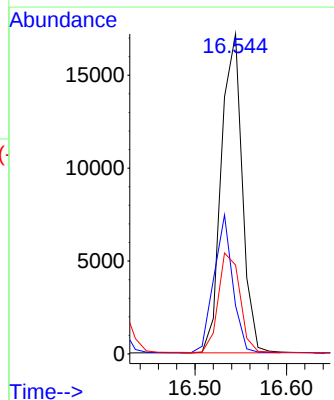
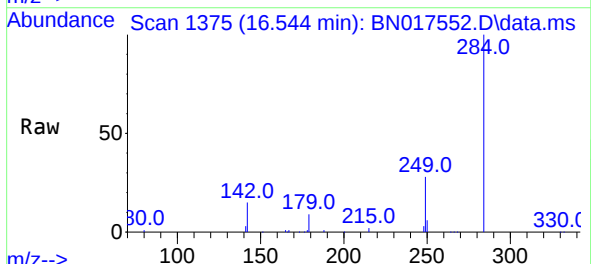
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

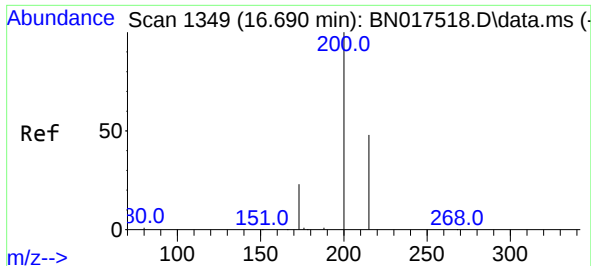
Tgt Ion:248 Resp: 24106  
Ion Ratio Lower Upper  
248 100  
250 100.4 71.8 107.8  
141 49.7 70.9 106.3#



#22  
Hexachlorobenzene  
Concen: 0.351 ng  
RT: 16.544 min Scan# 1375  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion:284 Resp: 27242  
Ion Ratio Lower Upper  
284 100  
142 38.7 28.2 42.2  
249 32.2 24.4 36.6

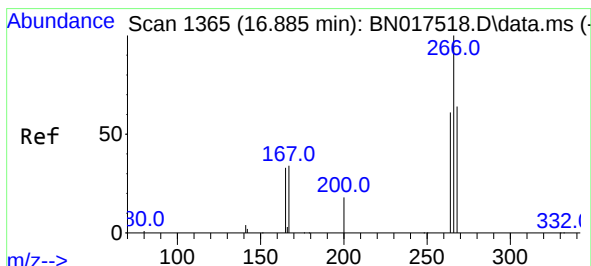
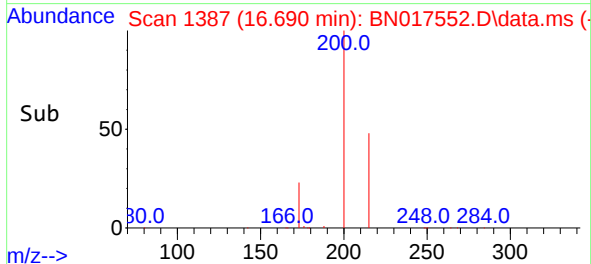
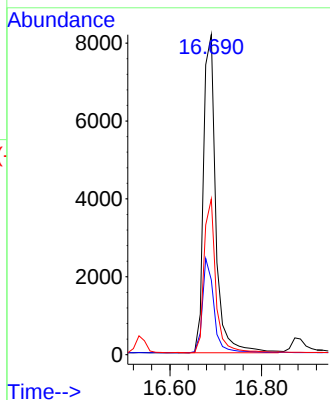
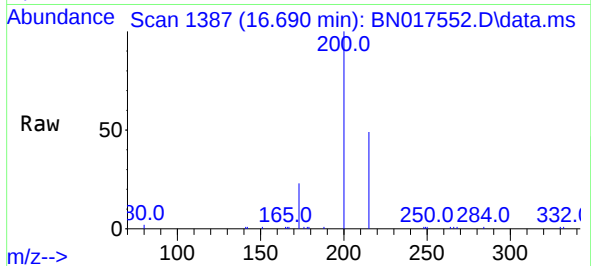




#23  
Atrazine  
Concen: 0.322 ng  
RT: 16.690 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

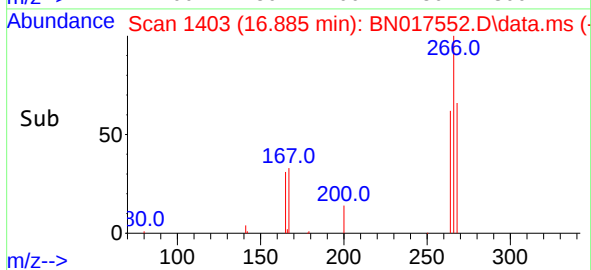
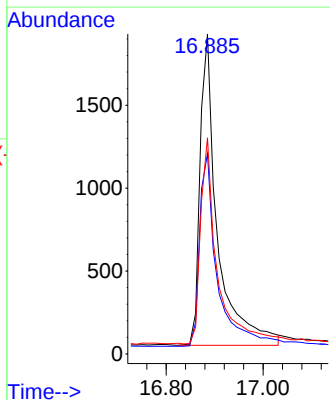
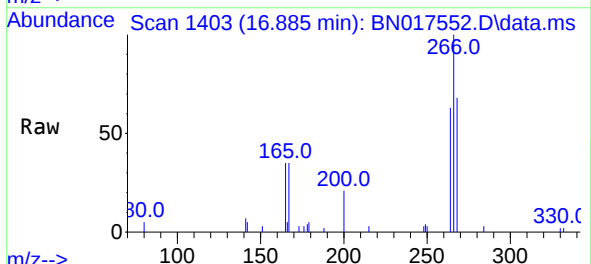
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

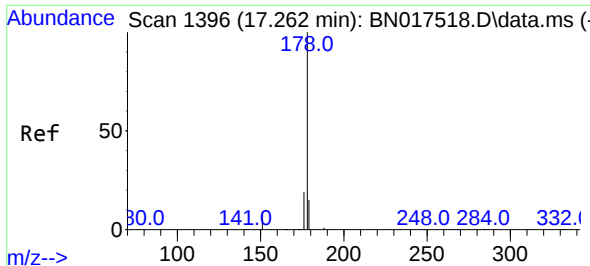
Tgt Ion:200 Resp: 15287  
Ion Ratio Lower Upper  
200 100  
173 23.3 17.6 26.4  
215 48.6 40.2 60.4



#24  
Pentachlorophenol  
Concen: 0.335 ng  
RT: 16.885 min Scan# 1403  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion:266 Resp: 4705  
Ion Ratio Lower Upper  
266 100  
264 63.0 49.8 74.8  
268 63.8 51.3 76.9

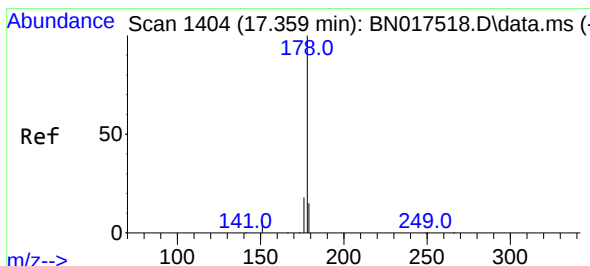
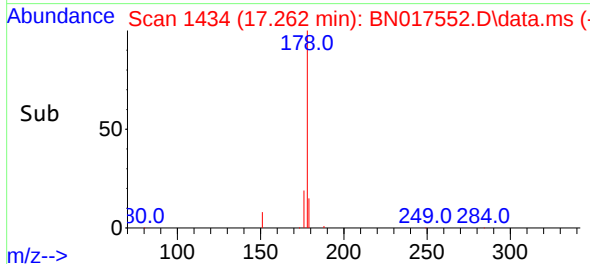
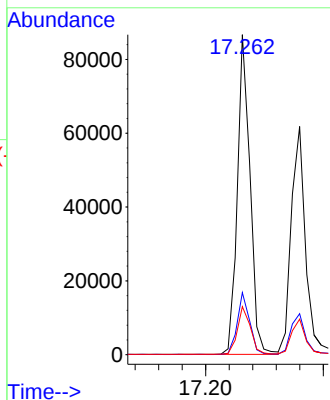
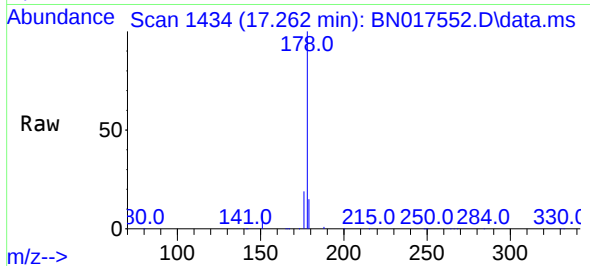




#25  
Phenanthrene  
Concen: 0.353 ng  
RT: 17.262 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

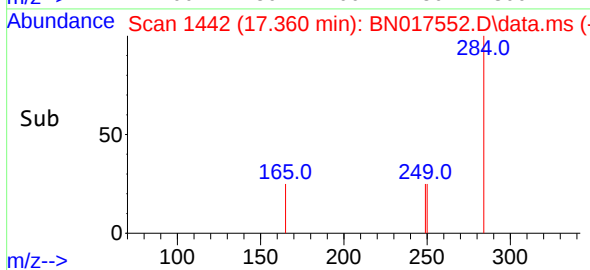
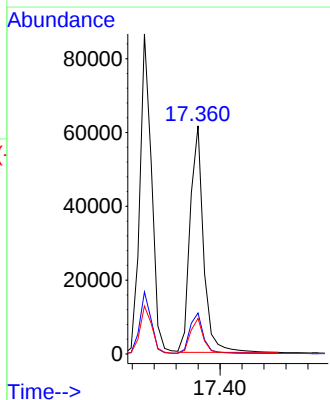
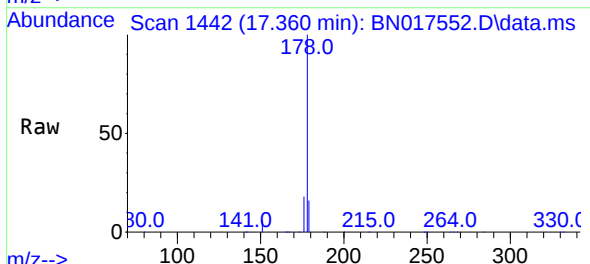
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

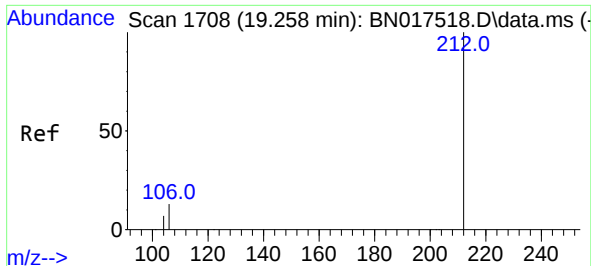
Tgt Ion:178 Resp: 129155  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.0 22.6  
179 15.6 12.3 18.5



#26  
Anthracene  
Concen: 0.333 ng  
RT: 17.360 min Scan# 1442  
Delta R.T. 0.001 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion:178 Resp: 103992  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.6 22.0  
179 15.2 12.2 18.4

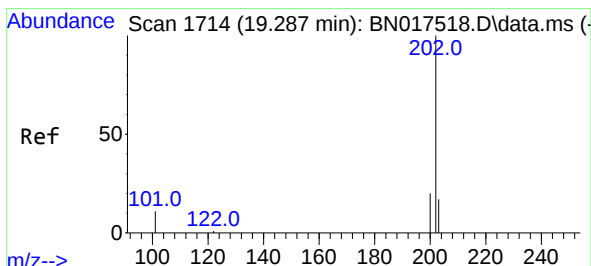
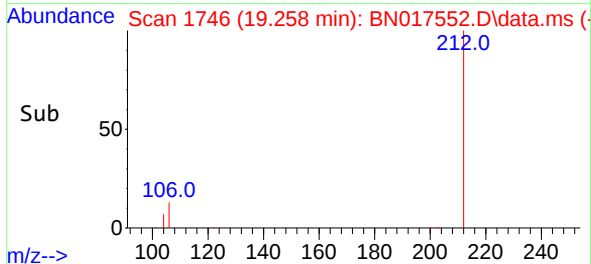
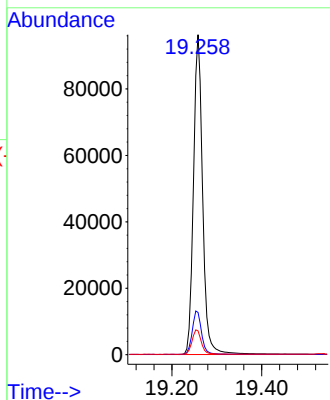
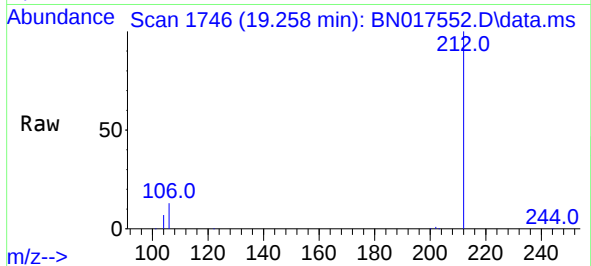




#27  
Fluoranthene-d10  
Concen: 0.343 ng  
RT: 19.258 min Scan# 1708  
Delta R.T. -0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

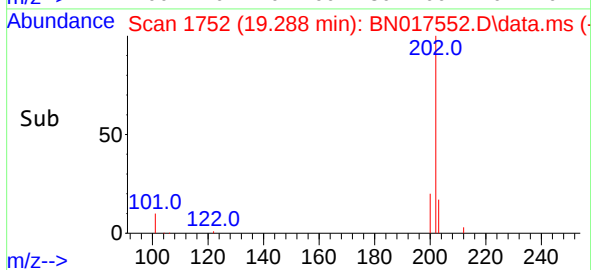
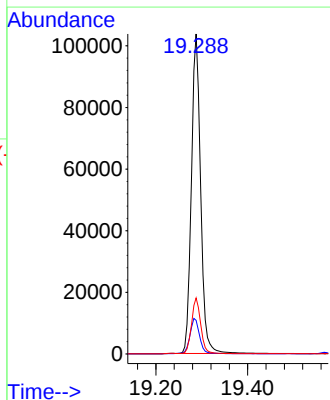
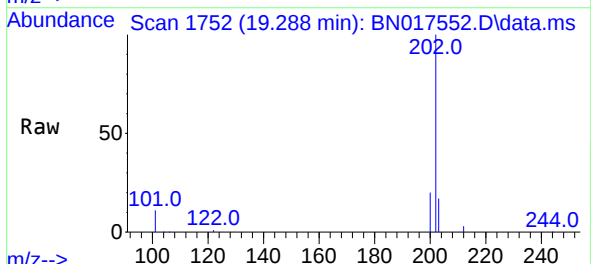
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

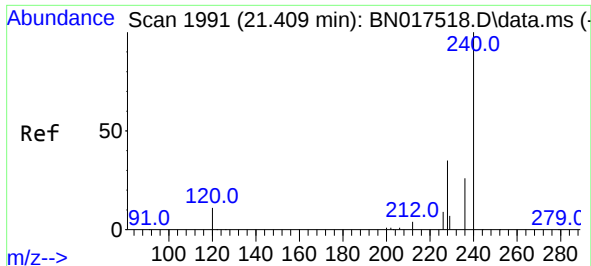
Tgt Ion:212 Resp: 137651  
Ion Ratio Lower Upper  
212 100  
106 13.8 10.5 15.7  
104 7.8 5.8 8.6



#28  
Fluoranthene  
Concen: 0.359 ng  
RT: 19.288 min Scan# 1752  
Delta R.T. 0.001 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion:202 Resp: 145029  
Ion Ratio Lower Upper  
202 100  
101 11.6 8.9 13.3  
203 17.3 13.8 20.6

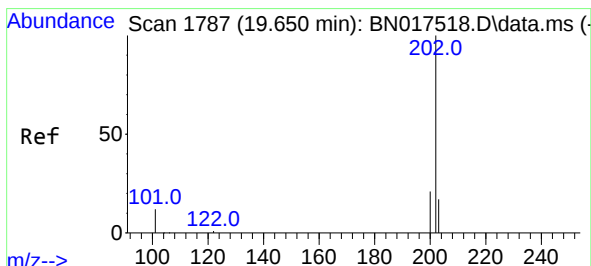
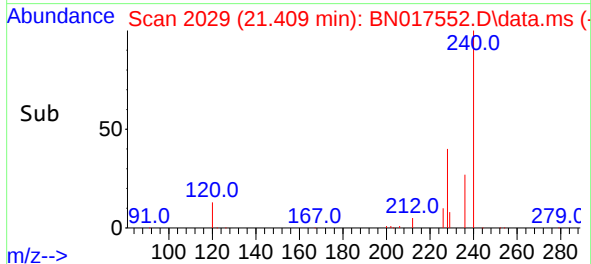
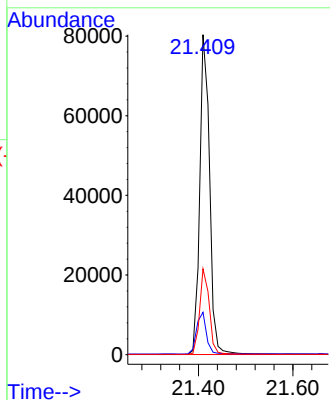
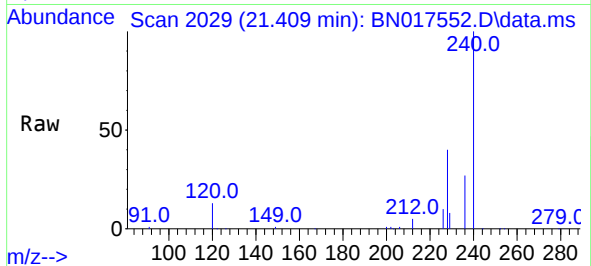




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.409 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

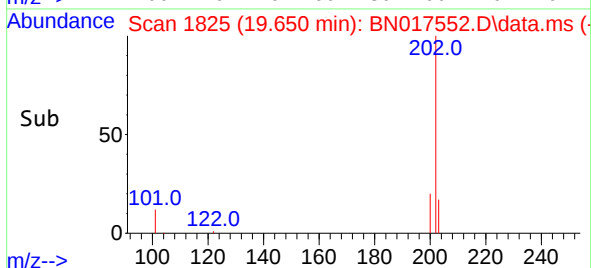
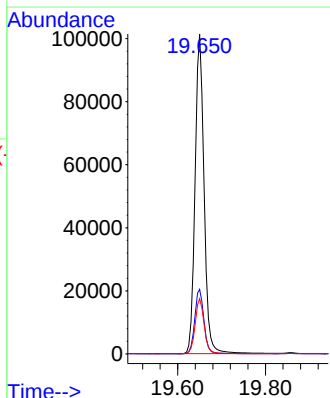
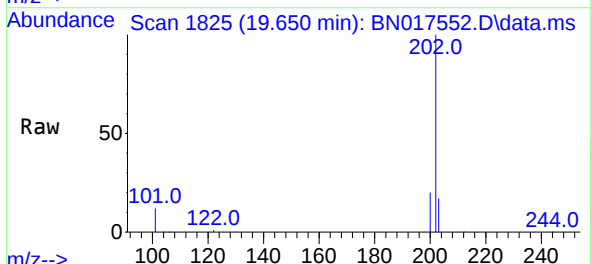
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

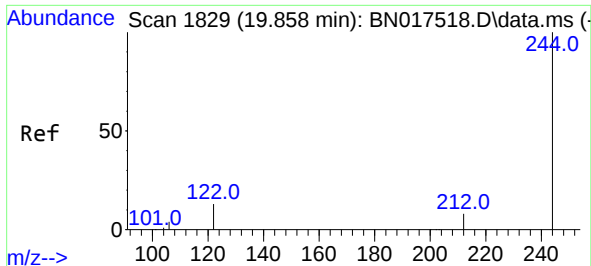
Tgt Ion:240 Resp: 116438  
Ion Ratio Lower Upper  
240 100  
120 13.3 4.2 6.2#  
236 26.8 20.0 30.0



#30  
Pyrene  
Concen: 0.366 ng  
RT: 19.650 min Scan# 1825  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion:202 Resp: 144353  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.5 24.7  
203 17.3 14.0 21.0

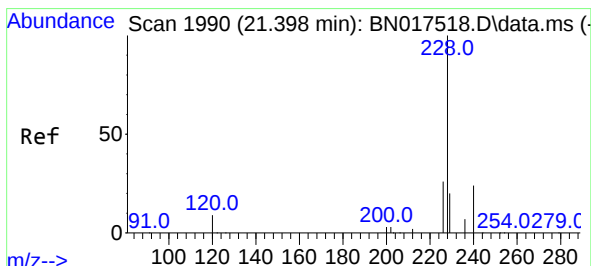
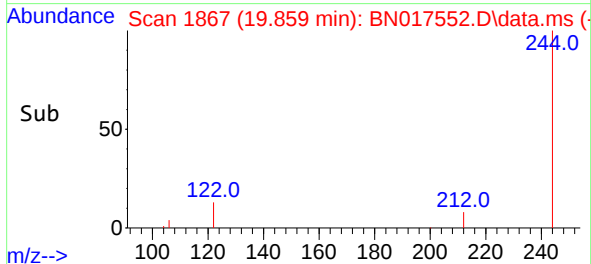
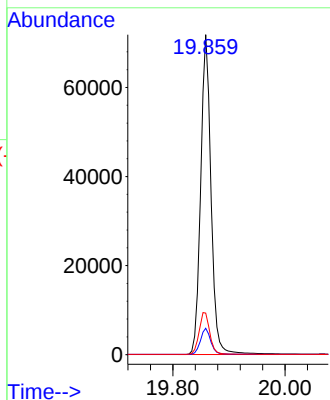
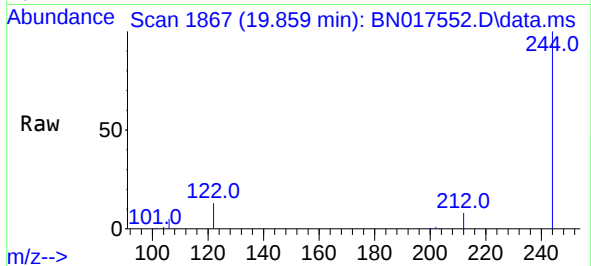




#31  
Terphenyl-d14  
Concen: 0.360 ng  
RT: 19.859 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

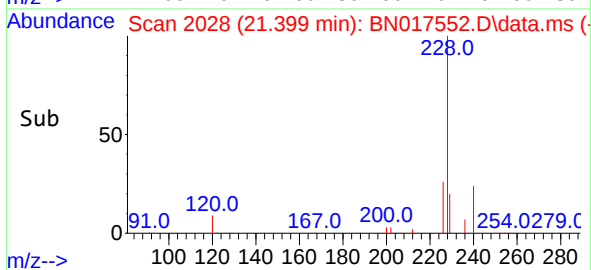
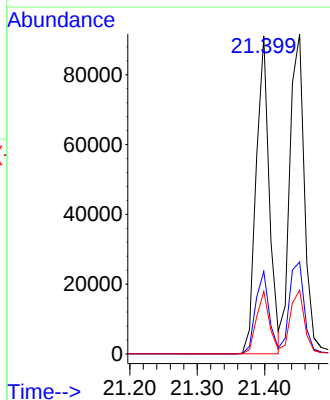
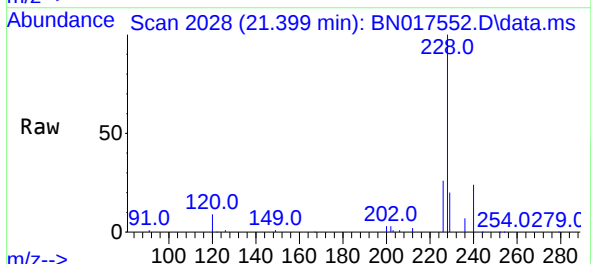
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

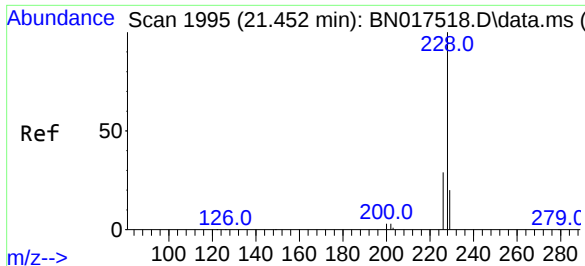
Tgt Ion:244 Resp: 92047  
Ion Ratio Lower Upper  
244 100  
212 8.3 5.7 8.5  
122 13.0 8.6 13.0#



#32  
Benzo(a)anthracene  
Concen: 0.340 ng  
RT: 21.399 min Scan# 2028  
Delta R.T. 0.001 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion:228 Resp: 123390  
Ion Ratio Lower Upper  
228 100  
226 26.0 21.3 31.9  
229 19.7 15.7 23.5

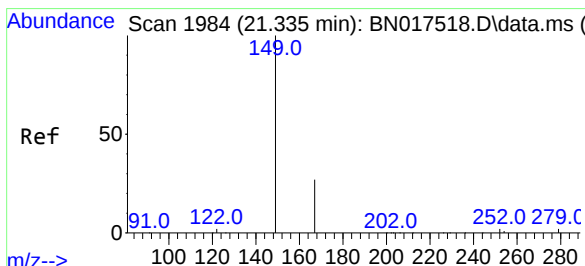
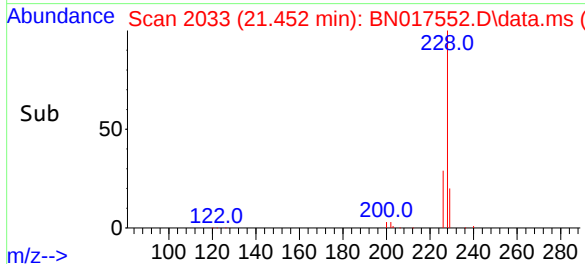
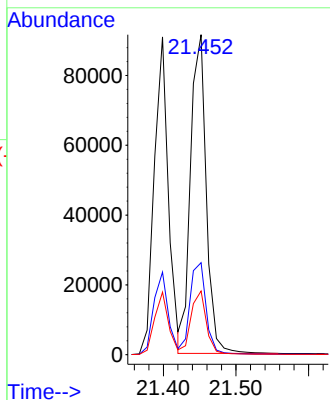
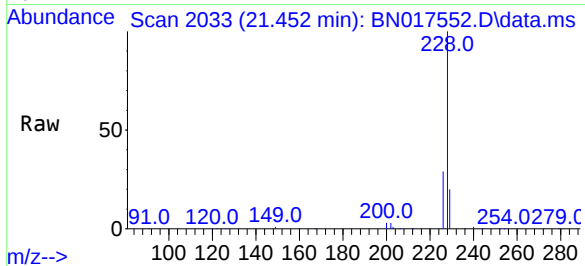




#33  
Chrysene  
Concen: 0.355 ng  
RT: 21.452 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

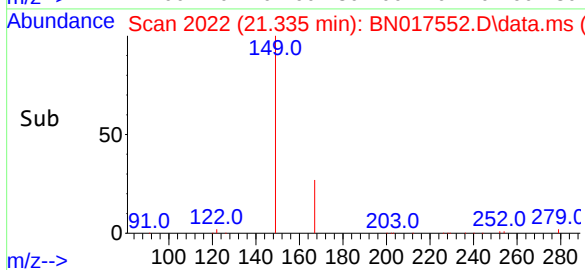
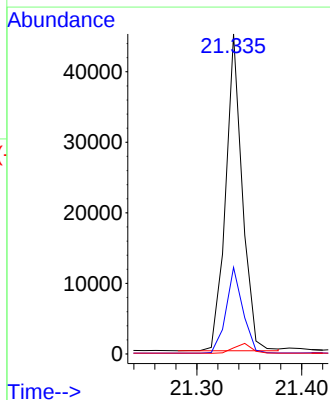
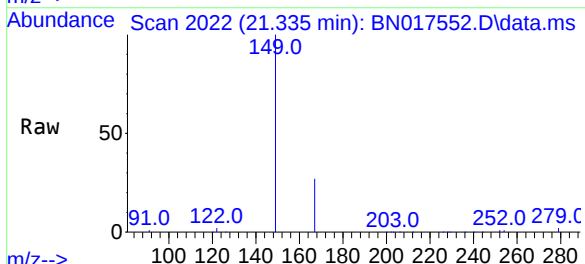
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

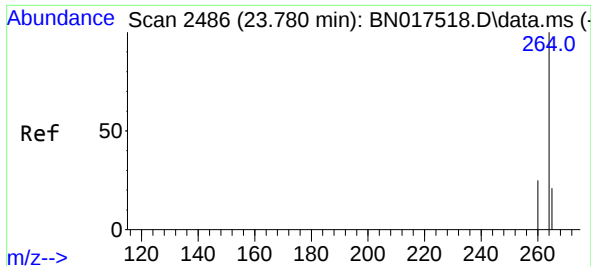
Tgt Ion:228 Resp: 137355  
Ion Ratio Lower Upper  
228 100  
226 28.7 23.3 34.9  
229 19.9 15.6 23.4



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.353 ng  
RT: 21.335 min Scan# 2022  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

Tgt Ion:149 Resp: 49348  
Ion Ratio Lower Upper  
149 100  
167 27.4 21.8 32.6  
279 3.3 3.4 5.0#

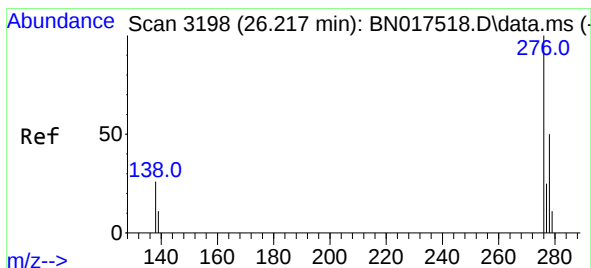
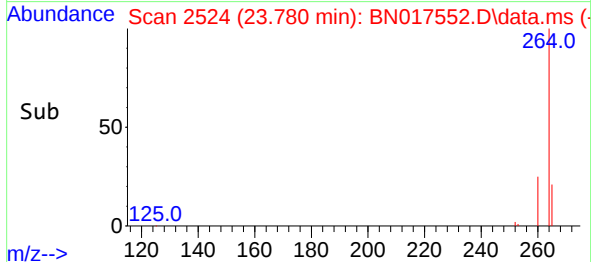
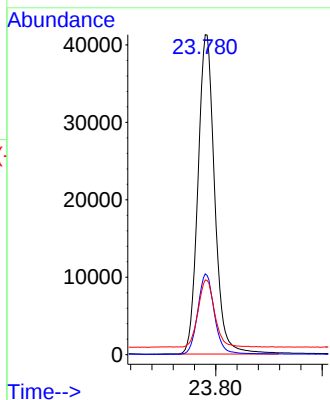
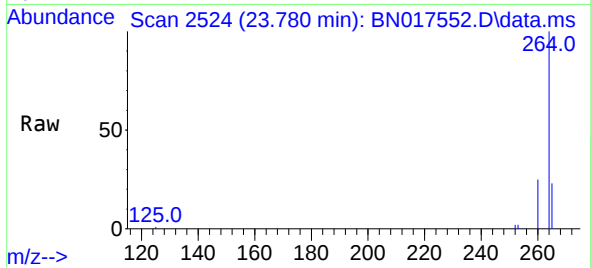




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.780 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN017552.D  
 Acq: 22 Nov 2021 19:34

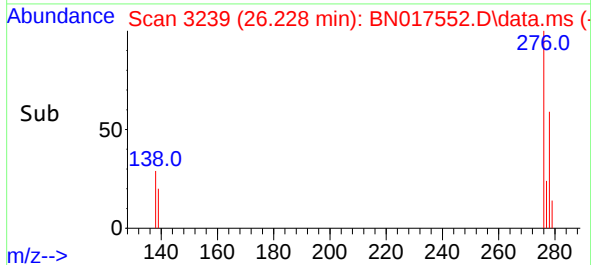
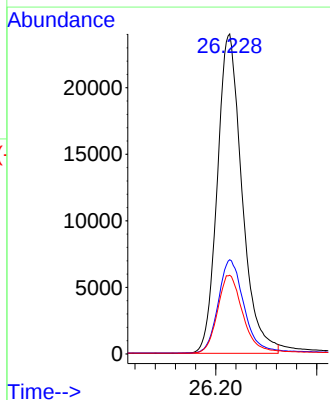
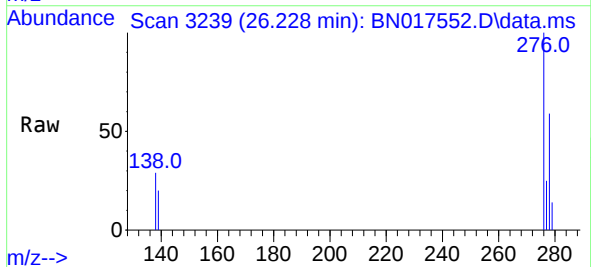
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB140957BSD

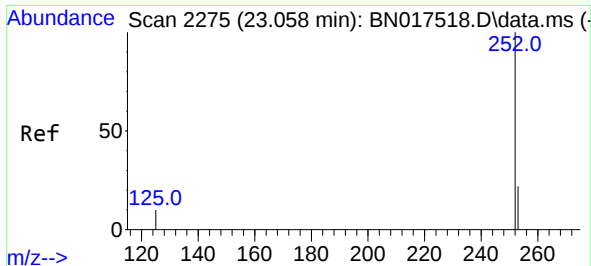
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 89977     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 25.2  | 19.4 29.2 |
| 265         | 23.3  | 18.6 28.0 |



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.296 ng  
 RT: 26.228 min Scan# 3239  
 Delta R.T. 0.011 min  
 Lab File: BN017552.D  
 Acq: 22 Nov 2021 19:34

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:276 | Resp: | 81342      |
| Ion Ratio   | Lower | Upper      |
| 276         | 100   |            |
| 138         | 30.2  | 19.7 29.5# |
| 277         | 24.9  | 20.0 30.0  |





#37

Benzo(b)fluoranthene

Concen: 0.368 ng

RT: 23.061 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN017552.D

Acq: 22 Nov 2021 19:34

Instrument :

BNA\_N

ClientSampleId :

PB140957BSD

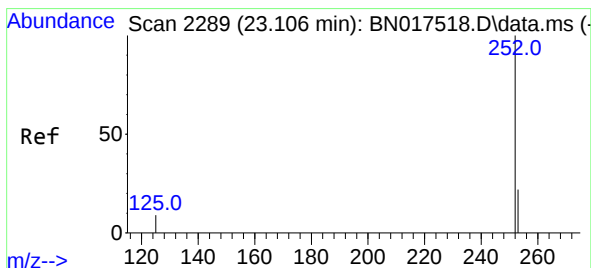
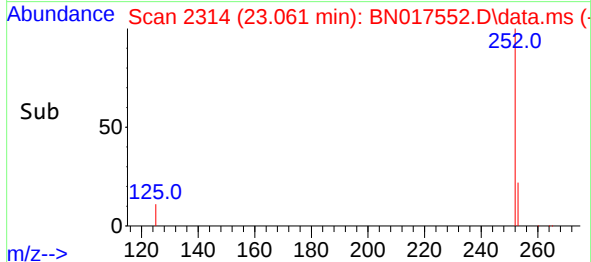
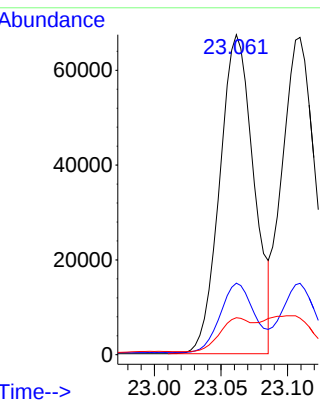
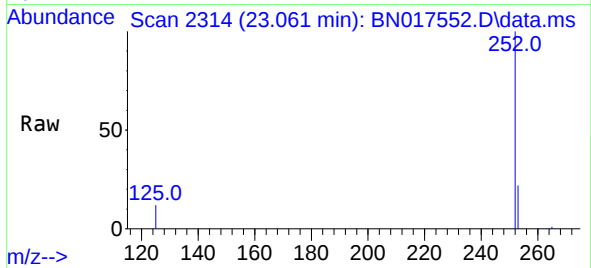
Tgt Ion:252 Resp: 120335

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.6 7.8 11.8



#38

Benzo(k)fluoranthene

Concen: 0.362 ng

RT: 23.109 min Scan# 2328

Delta R.T. 0.003 min

Lab File: BN017552.D

Acq: 22 Nov 2021 19:34

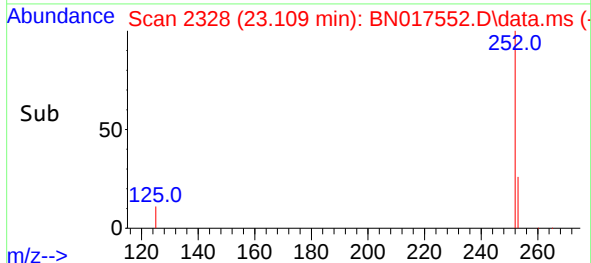
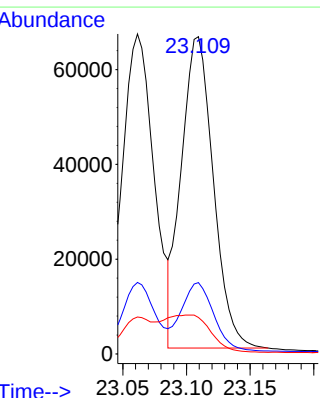
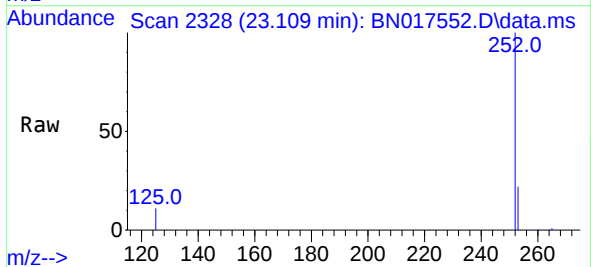
Tgt Ion:252 Resp: 115086

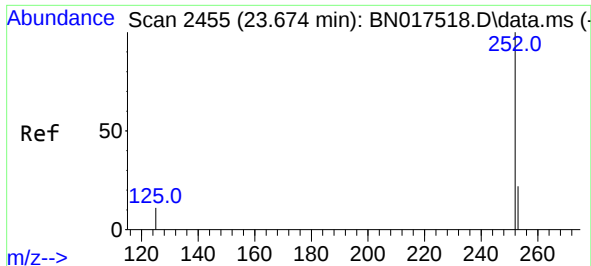
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 11.5 8.2 12.2

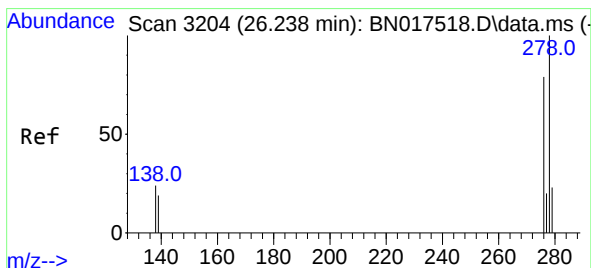
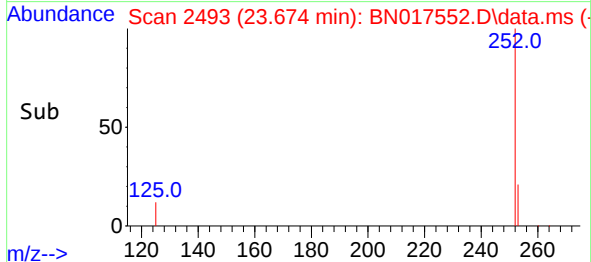
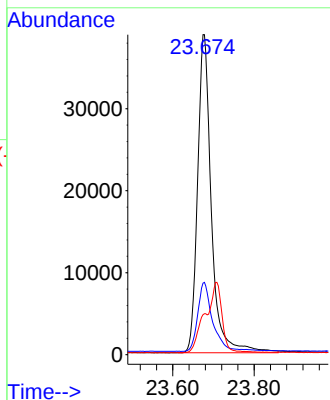
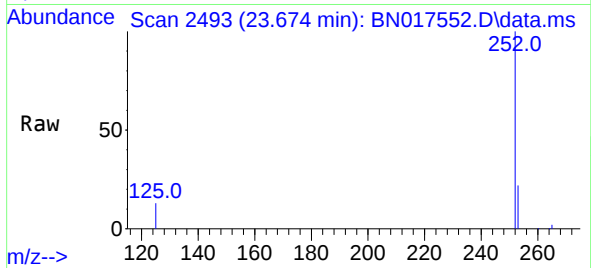




#39  
Benzo(a)pyrene  
Concen: 0.339 ng  
RT: 23.674 min Scan# 2455  
Delta R.T. 0.000 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

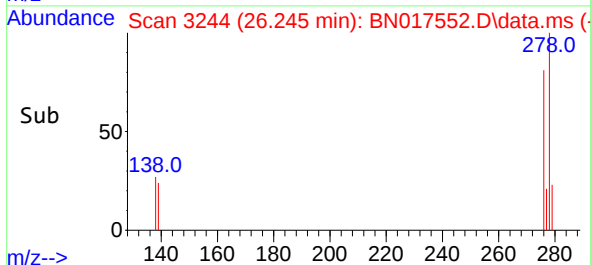
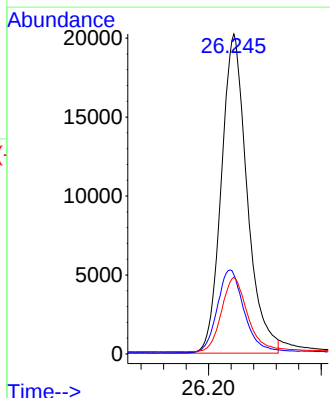
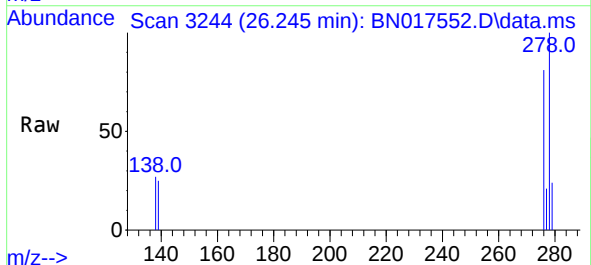
Instrument :  
BNA\_N  
ClientSampleId :  
PB140957BSD

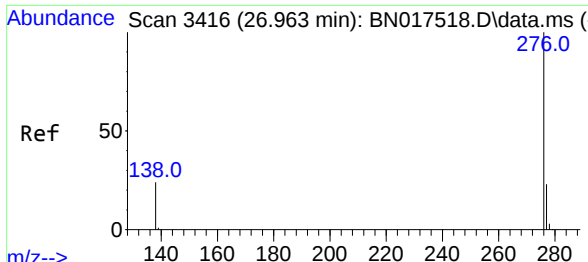
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 91557 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.4  | 17.9  | 26.9  |
| 125       | 12.5  | 9.2   | 13.8  |



#40  
Dibenzo(a,h)anthracene  
Concen: 0.284 ng  
RT: 26.245 min Scan# 3244  
Delta R.T. 0.007 min  
Lab File: BN017552.D  
Acq: 22 Nov 2021 19:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 63959 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 24.7  | 13.0  | 19.6# |
| 279       | 24.0  | 19.2  | 28.8  |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.299 ng  
 RT: 26.970 min Scan# 34  
 Delta R.T. 0.007 min  
 Lab File: BN017552.D  
 Acq: 22 Nov 2021 19:34

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB140957BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 70260 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.0  | 19.0  | 28.4  |
| 138      | 24.6  | 17.1  | 25.7  |

